

Mainline**Switch Inspection Report Semi-Annual**

WO# 1081578

Page 1 of 3

Date 6/12/13Watchman M POLLARAInspection Crew T SCHISLER W BRYANT1 Location CROMWELL2 Switch I.D. # 484 1B3 Facing Trailing**Rail Points**4 Point to Point 5 1/8

5 Point Condition

☒ Y ☐ R

Nothing less than 4 inches or greater than 5 inches.

6 Point Throw, Min 3 1/2 inches on house top point protected

N S R S

6a Point Opening

N 5 1/4 R 5 1/4

7 Fit

☒ Y ☐ R

8 General Condition of the Points

☒ Y ☐ R**Gage**

Heel of Switch

9 Main 56 1/210 Turnout 56 9/1611 Gage ahead of Bend 56 9/16
Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4**Stock Rail**

14 Bend

☒ Y ☐ R

15 Condition

☒ Y ☐ R**Bolts**16 Loose 0 N/A17 Missing 0 N/A**Rivets (Huck Bolts)**18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers ☒ Broken 0 Missing 0**Remarks on page 3**

GMJC 11-10-2011

22 Standard Joints

☒ Y ☐ R ☐ N/A

23 Switch Plates

☒ Y ☐ R

24 Adjustable Braces

☒ Y ☐ R ☐ N/A

24a Non-Adjustable Braces

☒ Y ☐ R ☒ N/A**Switch Rods**

25 Front Rod

☒ Y ☐ R ☐ N/A

26 #1 Rod (Basket Rod)

☒ Y ☐ R

27 #2 Rod

☒ Y ☐ R

28 #3 Rod

☒ Y ☐ R ☐ N/A

29 #4 Rod

☒ Y ☐ R ☐ N/A

30 Closure Rail

☒ Y ☐ R

31 Surface of Switch

☒ Y ☐ R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 1 3/4" is Out

of Service

32 Head Block Ties

☒ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

Ok ☒ Dry

35 Switch Targets/Lamps

Ok Missing ☒ N/A

36 Latches

☒ Broken 0 Missing 0

37 Locks

☒ Broken 0 Missing 0

38 General Condition

☒ Y ☐ R

39 Insulated Joints

☒ Y ☐ R

39a Regular Joints

☒ Y ☐ R

MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location _____

50a Switch I.D. # _____

51 Facing _____

Trailing

52 Frog Tread N ☒ Y RR ☒ Y R53 Frog # 10

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R57 Throat in Inches 3 1/472 Flangeway Depth 2 1/4

Flangeway Depth must not be less than 1 1/2"

Gage58 Main Track 56 5/859 Turnout Track 56 7/16

Gage must not be less than 56" any class

Guard Rails60 Guard Rail Gage N 54 5/8 R 54 5/8

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 5/8 R 52 3/4

Back to Back Gage must be less than 53 1/8"

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A

Class 1 Gage 56" to 57 1/2"

More than 57 1/2" Out of Service

Class 3 Gage 56" to 57"

More than 57" to 57 1/2" downgrade to
Class 2 and gets a YRemarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 1 7/8 R 1 7/8

Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/A

Bolts

73 Loose

0 N/A

74 Missing

0 N/ARivets (Huck)

75 Loose

0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

☒ Y R N/A

82 Derails

☒ Y R N/A83 Maximum difference in any 31' in CrossLevel on the siding from the Frog Point to50' beyond the last long tie☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y R

Remarks

Page 3 of 3

1/16" GAPPED CURVED POINT

1 MISSING LOCK WASHER

1 BROKEN LOCK WASHER — HOLD DOWN BLOCKS

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

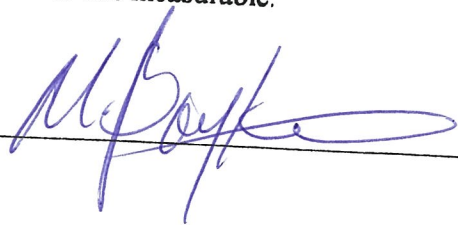
S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

6-14-13

11-10-2011

Mainline**Switch Inspection Report Semi-Annual**WO# 1081652

Page 1 of 3

Date 6/12/13Watchman M POLLARDInspection Crew T SCHISLER, W BRYANT1 Location CROMWELL2 Switch I.D. # 484 3A3 Facing X Trailing**Rail Points**4 Point to Point 5 1/4

5 Point Condition

☒ Y ☐ R

Nothing less than 4 inches or greater than 5 inches.

6 Point Throw, Min 3 1/2 inches on house top point protected

N S R S

6a Point Opening

N 5 1/4 R 5 1/4

7 Fit

☒ Y ☐ R

8 General Condition of the Points

☒ Y ☐ R**Gage**

Heel of Switch

9 Main 56 3/810 Turnout 56 3/411 Gage ahead of Bend 56 1/4
Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4**Stock Rail**

14 Bend

☒ Y ☐ R

15 Condition

☒ Y ☐ R**Bolts**16 Loose 0 N/A17 Missing 0 N/A**Rivets (Huck Bolts)**18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers ☒ Broken 0 Missing 0**Remarks on page 3**

GMEJC 11-10-2011

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

☒ Y ☐ R N/A

24a Non-Adjustable Braces

S Y R ☒ N/A**Switch Rods**

25 Front Rod

☒ Y ☐ R N/A

26 #1 Rod (Basket Rod)

☒ Y ☐ R

27 #2 Rod

☒ Y ☐ R

28 #3 Rod

☒ Y ☐ R N/A

29 #4 Rod

☒ Y ☐ R N/A

30 Closure Rail

☒ Y ☐ R

31 Surface of Switch

☒ Y ☐ R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out

of Service

32 Head Block Ties

☒ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

Ok ☒ Dry

35 Switch Targets/Lamps

Ok Missing ☒ N/A

36 Latches

☒ Broken 0 Missing 0

37 Locks

☒ Broken 0 Missing 0

38 General Condition

☒ Y ☐ R

39 Insulated Joints

☒ Y ☐ R

39a Regular Joints

☒ Y ☐ R

MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location _____

50a Switch I.D. # _____

51 Facing _____

Trailing

52 Frog Tread N ☒ Y RR ☒ Y R53 Frog # 8

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R

57 Throat in Inches _____

72 Flangeway Depth _____

Flangeway Depth must not be less than 1 1/2"

Gage58 Main Track 56 1/259 Turnout Track 56 3/4

Gage must not be less than 56" any class

Guard Rails60 Guard Rail Gage N 54 5/8 R 54 13/16

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 3/4 R 52 7/8

Back to Back Gage must be less than 53 1/8"

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A

Class 1 Gage 56" to 57 1/2"

More than 57 1/2" Out of Service

Class 3 Gage 56" to 57"

More than 57" to 57 1/2" downgrade to
Class 2 and gets a YRemarks on page 3

GM/JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 1 7/8 R 1 3/4

Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/A

Bolts

73 Loose ☐ N/A74 Missing ☐ N/ARivets (Huck)75 Loose ☐ N/A76 Missing ☐ N/A77 Nuts Missing ☐ N/A78 Cotter Pins Missing ☐ N/A79 Washers ☒ Broken ☐ Missing ☐ N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

S Y R ☒ N/A

82 Derails

S Y R ☒ N/A83 Maximum difference in any 31' in CrossLevel on the siding from the Frog Point to50' beyond the last long tie☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y R

Remarks

Page 3 of 3

NO DEFECTS

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

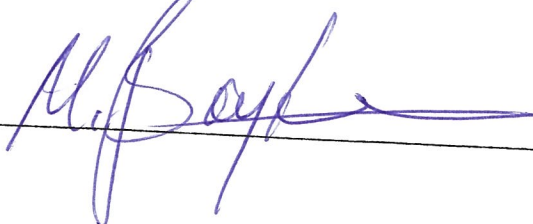
S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

6-14-B

11-10-2011

Date 6/12/13Watchman M. POWERSInspection Crew T. SCHISLER, W. BRYANT

1 Location _____

2 Switch I.D. # 3733 Facing X Trailing _____**Rail Points**4 Point to Point 51 3/8

5 Point Condition

S Y R

6 Point Throw. Min 3 1/2 inches on house top point protected

N 4 5/8 R 4 5/8

6a Point Opening

N 5 R 5

7 Fit

S Y R

8 General Condition of the Points

S Y R

Gage

Heel of Switch

9 Main 56 1/210 Turnout 56 1/211 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4**Stock Rail**

14 Bend

S Y R

15 Condition

S Y R

Bolts16 Loose 0 N/A17 Missing 0 N/A**Rivets (Huck Bolts)**18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers (Ok) Broken Missing**Remarks on page 3**

GMIC 11-10-2011

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R (N/A)**Switch Rods**

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 1 3/4" is Out of Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes (No)

34 Lubrication

(Ok) Dry

35 Switch Targets/Lamps

Ok Missing (N/A)

36 Latches

(Ok) Broken Missing

37 Locks

(Ok) Broken Missing

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y R

Mainline**Frog Inspection Report Semi-Annual**

Page 2 of 3

50 Location _____

50a Switch I.D. # _____

51 Facing _____

Trailing

52 Frog Tread N ☒ S Y RR ☒ S Y R53 Frog # 15

54/79 Point Condition

S ☒ Y R

55 Condition of Frog

☒ S Y R

56 Surface of Frog

☒ S Y R57 Throat in Inches 2 3/472 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"****Gage**58 Main Track 56 7/1659 Turnout Track 56 3/4**Gage must not be less than 56" any class****Guard Rails**60 Guard Rail Gage N 54 3/4 R 54 1/2**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 3/4 R 52 3/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ S Y R

63 Location of Guard Rail (Relation to Point)

☒ S Y R**Guard Rail Clamps**

64 Main Track

☒ S Y R N/A

65 Turnout Track

☒ S Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y****Remarks on page 3**

GM JC 11-10-2011

Turnout Ties

66 Condition

☒ S Y R N/A

67 Rail Movement

☒ S Y R N/A**Tie Plates**

68 Lead

☒ S Y R N/A

69 Guard Rail Flangeway

☒ S Y R N 1 7/8 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ S Y R N/A

71 Frog Plates

☒ S Y R N/A**Bolts**

73 Loose

0 N/A

74 Missing

0 N/A**Rivets (Huck)**75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Ok Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ S Y R N/A

81 Spring Housing

S Y R ☒ N/A

82 Derails

S Y R ☒ N/A83 **Maximum difference in any 31' in Cross Level on the siding from the Frog Point to 50' beyond the last long tie**☒ Ok Difference _____

84 Condition of Line thru entire turnout

☒ S Y R

Remarks

Page 3 of 3

PITTED POINT - FROG

BATTERED FROG POINT

SHEELED CURVED CLOSURE

2 BROKEN LOCK WASHERS, HOLD DOWNS BLOCKS

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.

Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

6-14-13

11-10-2011

Mainline**Switch Inspection Report Semi-Annual**WO# 1086344

Page 1 of 3

Date 6/12/13Inspection Crew T. SCHISLER, W. BRYANTWatchman M. POULSEN1 Location AMBOVER RD.2 Switch I.D. # 22 1B3 Facing Trailing Y**Rail Points**4 Point to Point 51 1/4

5 Point Condition

S Y R6 Point Throw. Nothing less than 4 inches or greater than 5 inches.
N 4 3/4 R 4 3/4

6a Point Opening

N 5 1/8 R 5 1/8

7 Fit

S Y R

8 General Condition of the Points

S Y R**Gage**

Heel of Switch

9 Main 56 1/210 Turnout 56 3/811 Gage ahead of Bend 56 1/2Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4**Stock Rail**

14 Bend

S Y R

15 Condition

S Y R**Bolts**16 Loose 0 N/A17 Missing 0 N/A**Rivets (Huck Bolts)**18 Loose 0 N/A19 Missing 0 N/A20 Cotter Pins Missing 0 N/A21 Jam Nuts Loose 0 N/A21a Washers Ok Broken Missing**Remarks on page 3**

GM/IC 11-10-2011

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/A**Switch Rods**

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y RUsing a 62' cord, not over1" to 1 1/2" for a Y and nomore than 1 1/2" to 1 3/4"For a R, Great than 1 3/4" is Outof Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Dry

35 Switch Targets/Lamps

Ok Missing N/A

36 Latches

Ok Broken Missing

37 Locks

Ok Broken Missing

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y R

MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N ☒ Y RR ☒ Y R53 Frog # 10

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R57 Throat in Inches 3 1/472 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/259 Turnout Track 56 1/2**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 3/4 R 54 5/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 3/4 R 52 3/4**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 1 1/8 R 1 1/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/A

Bolts

73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

☒ Y R N/A

82 Derails

☒ Y R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y R

Remarks

Page 3 of 3

POINT
CURVED STRUCK ON TIP (LEFT)

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:

M. Bayle

Date:

6-14-13

11-10-2011

MainlineSwitch Inspection Report Semi-AnnualWO# 1102874

Page 1 of 3

Date 6/13/2013Watchman G LAMInspection Crew T SCHISLER W BRYANT1 Location CROMWELL YARD2 Switch I D # CWY83 Facing X TrailingRail Points4 Point to Point 51 3/4

5 Point Condition

☒ Y ☒ R

Nothing less than 4 inches or greater than 5 inches.

6 Point Throw. Min 3 1/2 inches on house top point protected

N 4 1/2 R 4 1/8

6a Point Opening

N 4 3/4 R 4 3/4

7 Fit

☒ Y ☒ R

8 General Condition of the Points

☒ Y ☒ RGage

Heel of Switch

9 Main 56 5/810 Turnout 56 1/211 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4Stock Rail

14 Bend

☒ Y ☒ R

15 Condition

☒ Y ☒ RBolts16 Loose ☐ N/A17 Missing ☐ N/ARivets (Huck Bolts)18 Loose ☐ N/A19 Missing ☐ N/A20 Cotter Pins Missing ☐ N/A21 Jam Nuts Loose ☐ N/A21a Washers ☒ Broken MissingRemarks on page 3

GME IC 11-10-2011

22 Standard Joints

☒ Y ☒ R ☒ N/A

23 Switch Plates

☒ Y ☒ R

24 Adjustable Braces

☒ Y ☒ R ☒ N/A

24a Non-Adjustable Braces

☒ Y ☒ R ☒ N/ASwitch Rods

25 Front Rod

☒ Y ☒ R ☒ N/A

26 #1 Rod (Basket Rod)

☒ Y ☒ R

27 #2 Rod

☒ Y ☒ R

28 #3 Rod

☒ Y ☒ R ☒ N/A

29 #4 Rod

☒ Y ☒ R ☒ N/A

30 Closure Rail

☒ Y ☒ R

31 Surface of Switch

☒ Y ☒ R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 13/4" is Out of Service

32 Head Block Ties

☒ Y ☒ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

☒ Dry

35 Switch Targets/Lamps

Ok Missing ☒ N/A

36 Latches

☒ Broken Missing

37 Locks

☒ Broken Missing

38 General Condition

☒ Y ☒ R

39 Insulated Joints

☒ Y ☒ R

39a Regular Joints

☒ Y ☒ R

MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location _____

50a Switch I.D. # _____

51 Facing _____

Trailing _____

52 Frog Tread N ☒ Y RR ☒ Y R53 Frog # 6

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R57 Throat in Inches 3 1/472 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/259 Turnout Track 56 9/16**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 3/4 R 54 7/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 3/4 R 52 7/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to
Class 2 and gets a Y**Remarks on page 3

GM JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 1 3/4 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/A

Bolts

73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

☒ Y R N/A

82 Derails

☒ Y R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to
50' beyond the last long tie**☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y R

Remarks

Page 3 of 3

EXCESSIVE LUBE PLATE+ POINTS

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

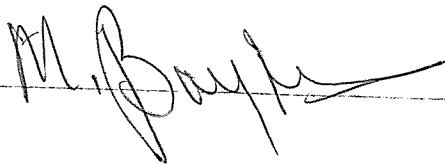
S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:



Date:

7-7-13

11-10-2011

MainlineSwitch Inspection Report Semi-AnnualWO# 1088480Page 1 of 3Date 6/15/13Inspection Crew T. SCHISLER GLAMWatchman W. BRYANT1 Location FUEL FARM RD2 Switch I.D. # 1043 Facing Trailing ☒Rail Points4 Point to Point 31

5 Point Condition

☒ Y ☒ R6 Point Throw. **Nothing less than 4 inches or greater than 5 inches.**
Min 3 1/2 inches on house top point protectedN 4 3/4 R 4 3/4

6a Point Opening

N 5 3/8 R 5 3/8

7 Fit

☒ Y ☒ R

8 General Condition of the Points

☒ Y ☒ RGage

Heel of Switch

9 Main 56 1/210 Turnout 56 3/411 Gage ahead of Bend 56 3/4**Must not be less than 56 inches or more than 57 inches for "S"**

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4Stock Rail

14 Bend

☒ Y ☒ R

15 Condition

☒ Y ☒ RBolts16 Loose ☒ N/A17 Missing ☒ N/ARivets (Huck Bolts)18 Loose ☒ N/A19 Missing ☒ N/A20 Cotter Pins Missing ☒ N/A21 Jam Nuts Loose ☒ N/A21a Washers ☒ Broken MissingRemarks on page 3

GMLJC 11-10-2011

22 Standard Joints

☒ Y ☒ R ☒ N/A

23 Switch Plates

☒ Y ☒ R

24 Adjustable Braces

☒ Y ☒ R ☒ N/A

24a Non-Adjustable Braces

☒ Y ☒ R ☒ N/ASwitch Rods

25 Front Rod

☒ Y ☒ R ☒ N/A

26 #1 Rod (Basket Rod)

☒ Y ☒ R

27 #2 Rod

☒ Y ☒ R

28 #3 Rod

☒ Y ☒ R ☒ N/A

29 #4 Rod

☒ Y ☒ R ☒ N/A

30 Closure Rail

☒ Y ☒ R

31 Surface of Switch

☒ Y ☒ R**Using a 62' cord, not over 1" to 1 1/2" for a Y and no more than 1 1/2" to 1 3/4"****For a R, Great than 13/4" is Out of Service**

32 Head Block Ties

☒ Y ☒ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

☒ Dry

35 Switch Targets/Lamps

Ok Missing ☒ N/A

36 Latches

☒ Broken Missing

37 Locks

☒ Broken Missing

38 General Condition

☒ Y ☒ R

39 Insulated Joints

☒ Y ☒ R

39a Regular Joints

☒ Y ☒ R

MainlineFrog Inspection Report Semi-Annual

Page 2 of 3

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N (S) Y R

R (S) Y R

53 Frog # 15

54/79 Point Condition

(S) Y R

55 Condition of Frog

(S) Y R

56 Surface of Frog

(S) Y R

57 Throat in Inches 2 9/16

72 Flangeway Depth 2

Flangeway Depth must not be less than 1 1/2"Gage

58 Main Track 26 1/2

59 Turnout Track 26 3/4

Gage must not be less than 56" any classGuard Rails

60 Guard Rail Gage N 54 1/2 R 55

Guard Rail Gage must more than 54 3/8"

61 Back To Back N 52 1/2 R 52 7/8

Back to Back Gage must be less than 53 1/8"

62 Condition

(S) Y R

63 Location of Guard Rail (Relation to Point)

(S) Y R

Guard Rail Clamps

64 Main Track

(S) Y R N/A

65 Turnout Track

(S) Y R N/A

Class 1 Gage 56" to 57 1/2"**More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM JC 11-10-2011

Turnout Ties

66 Condition

(S) Y R N/A

67 Rail Movement

(S) Y R N/A

Tie Plates

68 Lead

(S) Y R N/A

69 Guard Rail Flangeway

(S) Y R N 1 7/8 R 1 3/8

Guard Rail Flangeway can not be less 1 1/2"

70 Guard Rail Plates

(S) Y R N/A

71 Frog Plates

(S) Y R N/A

Bolts

73 Loose 0 N/A

74 Missing 0 N/A

Rivets (Huck)

75 Loose 0 N/A

76 Missing 0 N/A

77 Nuts Missing 0 N/A

78 Cotter Pins Missing 0 N/A

79 Washers (Ok) Broken Missing N/A

80 Hold Down Devices

(S) Y R N/A

81 Spring Housing

S Y R (N/A)

82 Derails

S Y R (N/A)

83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**

(Ok) Difference _____

84 Condition of Line thru entire turnout

(S) Y R

Remarks

Page 3 of 3

PITTED FROG POINT

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:

M. Boykin

Date:

6-18-13

11-10-2011

Date 6/15/13

Inspection Crew T. SCHISLER G. LAH

Watchman W. BRYANT

1 Location ANDOVER RD.

2 Switch I.D. # 24

3 Facing X Trailing

Rail Points

4 Point to Point 51 3/8

5 Point Condition

S Y R

6 Point Throw. Nothing less than 4 inches or greater than 5 inches.
Min 3 1/2 inches on house top point protected

N 4 1/2 R 4 1/2

6a Point Opening

N 5 R 5

7 Fit

S Y R

8 General Condition of the Points

S Y R

Gage

Heel of Switch

9 Main 56 1/2

10 Turnout 56 1/2

11 Gage ahead of Bend 56 1/2

Must not be less than 56 inches or
more than 57 inches for "S"

12 Heel Spread in Inches

Turnout 6 1/4

13 Main 6 1/4

Stock Rail

14 Bend

S Y R

15 Condition

S Y R

Bolts

16 Loose 0 N/A

17 Missing 0 N/A

Rivets (Huck Bolts)

18 Loose 0 N/A

19 Missing 0 N/A

20 Cotter Pins Missing 0 N/A

21 Jam Nuts Loose N/A

21a Washers Ok Broken Missing

Remarks on page 3

GNEJC 11-10-2011

22 Standard Joints

S Y R N/A

23 Switch Plates

S Y R

24 Adjustable Braces

S Y R N/A

24a Non-Adjustable Braces

S Y R N/A

Switch Rods

25 Front Rod

S Y R N/A

26 #1 Rod (Basket Rod)

S Y R

27 #2 Rod

S Y R

28 #3 Rod

S Y R N/A

29 #4 Rod

S Y R N/A

30 Closure Rail

S Y R

31 Surface of Switch

S Y R

Using a 62' cord, not over

1" to 1 1/2" for a Y and no

more than 1 1/2" to 1 3/4"

For a R, Great than 1 3/4" is Out
of Service

32 Head Block Ties

S Y R

33 Switch Adjustments

Yes No

34 Lubrication

Ok Dry

35 Switch Targets/Lamps

Ok Missing N/A

36 Latches

Ok Broken Missing

37 Locks

Ok Broken Missing

38 General Condition

S Y R

39 Insulated Joints

S Y R

39a Regular Joints

S Y R

50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N ☒ Y RR ☒ Y R53 Frog # 8

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R57 Throat in Inches 3 1/472 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 1/259 Turnout Track 56 3/8**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 5/8 R 54 3/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 5/8 R 52 3/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 1 1/8 R 2**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ Broken 0 Missing 0 N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

☒ Y R ☒ N/A

82 Derails

☒ Y R ☒ N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ Difference _____

84 Condition of Line thru entire turnout

☒ Y R

Remarks

Page 3 of 3

PITTED FROG POINT

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:

M. Boyka

Date:

6-18-13

11-10-2011

Date 6/15/13Watchman W BRYANTInspection Crew T SCHISLER G LAM1 Location ANDOVER RD2 Switch I D. # 22 3B3 Facing X Trailing**Rail Points**4 Point to Point 51

5 Point Condition

☒ Y ☐ R6 Point Throw. Nothing less than 4 inches or greater than 5 inches.
N 4 1/8 R 4 1/8

6a Point Opening

N 5 1/4 R 5 1/4

7 Fit

☒ Y ☐ R

8 General Condition of the Points

☒ Y ☐ R**Gage**

Heel of Switch

9 Main 56 1/210 Turnout 56 1/411 Gage ahead of Bend 56 1/2**Must not be less than 56 inches or more than 57 inches for "S"**

12 Heel Spread in Inches

Turnout 6 1/413 Main 6 1/4**Stock Rail**

14 Bend

☒ Y ☐ R

15 Condition

☒ Y ☐ R**Bolts**16 Loose ☐ N/A17 Missing ☐ N/A**Rivets (Huck Bolts)**18 Loose ☐ N/A19 Missing ☐ N/A20 Cotter Pins Missing ☐ N/A21 Jam Nuts Loose ☐ N/A21a Washers ☒ Broken Missing**Remarks on page 3**

GNLIC 11-10-2011

22 Standard Joints

☒ Y ☐ R ☐ N/A

23 Switch Plates

☒ Y ☐ R

24 Adjustable Braces

☒ Y ☐ R ☐ N/A

24a Non-Adjustable Braces

☐ Y ☐ R ☒ N/A**Switch Rods**

25 Front Rod

☒ Y ☐ R ☐ N/A

26 #1 Rod (Basket Rod)

☒ Y ☐ R

27 #2 Rod

☒ Y ☐ R

28 #3 Rod

☒ Y ☐ R ☐ N/A

29 #4 Rod

☒ Y ☐ R ☐ N/A

30 Closure Rail

☒ Y ☐ R

31 Surface of Switch

☐ Y ☐ R**Using a 62' cord, not over****1" to 1 1/2" for a Y and no****more than 1 1/2" to 1 3/4"****For a R, Great than 1 3/4" is Out****of Service**

32 Head Block Ties

☒ Y ☐ R

33 Switch Adjustments

Yes ☒ No

34 Lubrication

☒ Dry

35 Switch Targets/Lamps

Ok Missing ☒ N/A

36 Latches

☒ Broken Missing

37 Locks

☒ Broken Missing

38 General Condition

☒ Y ☐ R

39 Insulated Joints

☒ Y ☐ R

39a Regular Joints

☒ Y ☐ R

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50 Location _____

50a Switch I.D. # _____

51 Facing _____ Trailing _____

52 Frog Tread N ☒ Y R
R ☒ Y R53 Frog # 10

54/79 Point Condition

☒ Y R

55 Condition of Frog

☒ Y R

56 Surface of Frog

☒ Y R57 Throat in Inches 3 1/472 Flangeway Depth 2**Flangeway Depth must not be less than 1 1/2"**Gage58 Main Track 56 3/459 Turnout Track 56 1/2**Gage must not be less than 56" any class**Guard Rails60 Guard Rail Gage N 54 5/8 R 54 7/8**Guard Rail Gage must more than 54 3/8"**61 Back To Back N 52 5/8 R 52 3/8**Back to Back Gage must be less than 53 1/8"**

62 Condition

☒ Y R

63 Location of Guard Rail (Relation to Point)

☒ Y RGuard Rail Clamps

64 Main Track

☒ Y R N/A

65 Turnout Track

☒ Y R N/A**Class 1 Gage 56" to 57 1/2"****More than 57 1/2" Out of Service****Class 3 Gage 56" to 57"****More than 57" to 57 1/4" downgrade to****Class 2 and gets a Y**Remarks on page 3

GM JC 11-10-2011

Turnout Ties

66 Condition

☒ Y R N/A

67 Rail Movement

☒ Y R N/ATie Plates

68 Lead

☒ Y R N/A

69 Guard Rail Flangeway

☒ Y R N 1 3/4 R 1 7/8**Guard Rail Flangeway can not be less 1 1/2"**

70 Guard Rail Plates

☒ Y R N/A

71 Frog Plates

☒ Y R N/ABolts73 Loose 0 N/A74 Missing 0 N/ARivets (Huck)75 Loose 0 N/A76 Missing 0 N/A77 Nuts Missing 0 N/A78 Cotter Pins Missing 0 N/A79 Washers ☒ OK ☐ Broken ☐ Missing N/A

80 Hold Down Devices

☒ Y R N/A

81 Spring Housing

☒ Y R N/A

82 Derails

☒ Y R N/A83 **Maximum difference in any 31' in Cross****Level on the siding from the Frog Point to****50' beyond the last long tie**☒ OK Difference _____

84 Condition of Line thru entire turnout

☒ Y R

Remarks

Page 3 of 3

PITTED FROG POINT

All rules come out of the MTA Field Guide for Track Inspectors updated April 2006 edition.
Everything is class 3 for Mainline and class 1 for the Yard.

S Everything is in Specs.

Y Attention needed.

R Immediate attention needed or Out of Service.

N/A Not applicable or not measurable.

Reviewed by:

M. Bayko

Date:

6-18-13

11-10-2011

